MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

August 1947

ROBERT W. SLOANE, DIRECTOR

Printed at the American Press
Beirut, Lebanon

LIBRARY
NOV 23 1955
WEATHER BUREAU

AUGUST 1947

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degrees Centigrade					
	8.30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	56.2	56.1	56.2	56.2	34.3	24.7	29.9	32.6	27.2	29.9
2	5.7	2.6	4.5	4.3	34.9	24.6	29.6	33.3	26.9	29.9
3	3.1	1.9	2.3	2.4	35.0	24.4	30.4	31.0	27.2	29.6
4	3.4	4.0	5.1	4.2	33.9	24.9	30.1	30.8	26.6	29.2
5	6.7	6.7	7.1	6.8	33.9	24.6	29.8	31.0	26.6	29.1
6	57.2	56.8	56.3	56.8	35.1	24.9	29.9	32.2	27.2	29.8
7	5.2	4.4	4.4	4.7	35.1	25.2	30.6	33.7	27.2	30.5
8	3.6	3.6	4.6	3.9	35.1	24.4	29.9	33.2	27.2	30.1
9	5.3	5.5	5.4	5.4	34.4	23.8	30.3	33.3	26.3	30.0
10	5.8	5.5	5.8	5.7	33.9	23.9	29.4	32.3	26.1	29.3
11	55.5	54.6	54.5	54.9	33.7	24.4	30.1	32.3	26.6	29.7
12	5.0	4.2	4.6	4.6	32.9	25.0	28.7	31.1	26.1	28.6
13	5.1	4.5	4.9	4.8	34.2	25.1	29.7	32.2	27.1	29.7
14	4.6	4.3	4.6	4.5	34.7	24.5	30.1	32.6	26.7	29.8
15	4.4	4.2	4.5	4.4	34.2	25.1	30.0	33.1	27.4	30.2
16	55.1	54.7	55.1	55.0	34.4	25.6	31.1	33.3	27.3	30.6
17	5.1	4.4	4.6	4.7	33.6	24.5	30.0	31.6	27.2	29.6
18	4.8	4.8	5.5	5.0	35.3	24.1	30.2	33.3	27.1	30.2
19	6.2	6.2	6.5	6.3	34.3	23.8	29.9	32.7	26.7	29.8
20	6.5	5.7	5.7	6.0	33.3	24.7	29.9	31.4	27.2	29.5
21	55.2	54.6	54.7	54.8	33.3	23.9	30.4	32.2	26.6	29.7
22	4.2	4.3	5.0	4.5	33.3	24.2	29.4	31.6	26.1	29.0
23	5.7	5.4	5.5	5.5	33.3	23.9	29.1	30.9	26.2	28.7
24	6.0	5.1	5.5	5.5	34.2	24.1	28.9	31.1	26.7	28.9
25	5.4	5.0	5.1	5.2	34.6	24.1	29.4	33.1	26.8	29.8
26	55.1	54.7	54.6	54.8	34.1	24.0	29.4	32.7	26.7	29.6
27	4.4	3.9	4.0	4.1	34.2	24.5	29.1	32.7	26.7	29.5
28	4.7	4.8	5.6	5.0	34.4	26.7	30.5	32.8	27.4	30.2
29	6.2	6.3	7.6	6.7	34.5	25.6	30.4	33.1	27.4	30.3
30	8.0	7.5	8.5	8.0	33.7	24.3	29.9	32.7	26.5	29.7
31	8.6	7.7	7.8	8.0	32.6	23.7	29.2	31.1	25.8	28.7
	55.42	54.97	55.36	55.25	34.15	24.55	29.85	32.29	26.80	29.65

Barometer, range for month 758.6 – 751.9 mm.
„ 71-yr. average for month 756.00 mm.
Thermometer, range for month 35.3° — 23.7°C
„ 71-yr. average for month 28.57 °C.
Rain, total for month 0.00 m.m.
„ 71-yr. average for month 0.45 m.m.
„ Total, Sept. 1st. to end of month 834.39 mm.
„ 71-yr. average, Sept. 1st. to end of month 892.30 mm.

AUGUST 1947

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor mm.				Relative Humidity per cent.				Sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	20.3	21.1	20.4	20.6	64	58	76	66	12.6	240.0	
2	21.2	21.3	21.9	21.5	68	55	84	69	12.5	303.0	
3	20.4	22.3	21.6	21.4	67	66	81	71	12.4	277.0	
4	19.2	22.1	20.1	20.5	60	56	80	65	12.6	166.0	
5	21.7	20.2	19.7	20.5	69	61	75	68	12.6	164.0	
6	19.7	21.1	20.3	20.4	62	59	77	66	12.3	370.0	
7	21.4	23.3	21.3	22.0	66	61	78	68	12.3	578.0	
8	19.9	21.2	20.3	20.5	63	54	76	64	12.2	592.0	
9	20.1	19.3	18.7	19.4	61	50	73	61	12.3	489.0	
10	16.8	18.0	19.4	18.7	55	51	77	61	12.4	426.0	
11	19.3	18.7	19.0	19.0	60	52	73	62	12.3	224.0	
12	19.1	19.7	20.0	19.6	65	58	80	68	12.2	187.0	
13	19.5	21.1	21.8	20.8	62	59	82	68	12.2	237.0	
14	22.0	21.8	21.5	21.8	69	59	83	70	12.1	412.0	
15	19.6	20.9	20.8	20.4	62	55	76	64	11.9	484.0	
16	19.5	21.1	21.1	20.6	57	55	78	63	11.8	243.0	
17	21.2	20.8	21.0	21.0	66	59	79	68	11.9	262.0	
18	20.2	20.3	19.5	20.0	62	53	74	63	11.9	444.0	
19	19.2	20.6	20.0	19.9	60	55	77	64	11.9	430.0	
20	20.3	21.3	21.4	21.0	64	62	80	69	11.6	206.0	
21	20.1	18.9	18.3	19.1	62	53	70	62	11.7	404.0	
22	18.2	19.2	19.7	19.0	60	55	78	64	12.0	212.0	
23	21.0	21.7	21.0	21.2	70	65	83	73	12.1	164.0	
24	20.2	21.9	21.9	21.3	68	65	85	73	11.8	335.0	
25	21.6	21.6	21.7	21.6	70	57	84	70	11.8	378.0	
26	21.2	21.8	22.1	21.7	69	60	85	71	11.8	311.0	
27	19.9	21.8	21.8	21.2	67	59	84	70	11.7	422.0	
28	21.9	20.8	23.5	22.1	67	56	87	70	11.1	496.0	
29	22.5	24.1	21.5	22.7	70	67	80	72	10.9	525.0	
30	17.1	17.9	15.6	16.7	54	49	60	54	10.4	336.0	
31	15.1	17.3	18.0	16.8	50	51	73	58	11.4	684.0	
	19.98	20.75	20.48	20.41	63.5	57.2	78.0	66.2	11.96	354.87	

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.53 m.; above sea level 31.31 m.
Time of reading minus 2 hours equals G.C.T.
71 year averages are for period, 1875-1945

AUGUST 1947

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	0	0	0	0.0	1w	1nw	0	light	
2	0	1ci	0	0.3	1sw	1sw	0	,,	
3	0	0	0	0.0	1sw	1w	1sw	calm	
4	0	0	0	0.0	1sw	1sw	0	,,	
5	0	0	0	0.0	1n	1nw	0	,,	
6	0	0	0	0.0	1sw	1sw	0	calm	
7	0	1ci	1ci	0.7	2sw	1sw	1sw	light	
8	0	1ci	0	0.3	3sw	2sw	1sw	slight	
9	1ci	2ci	0	1.0	1sw	1w	1w	,,	
10	0	1ci	0	0.3	1sw	1w	0	calm	
11	2ci-cu	0	0	0.7	1sw	1nw	0	light	
12	3ci-cu	1ci	0	1.3	1sw	1nw	0	,,	
13	0	0	0	0.0	1nw	1nw	0	calm	
14	0	3ci	0	1.0	2sw	1sw	1sw	light	
15	0	3ci-cu	3ci-cu	2.0	2sw	2sw	1sw	,,	
16	7ci-cu	4ci-cu	0	3.7	1sw	1sw	0	calm	
17	1ci-cu	0	0	0.3	1w	1nw	0	,,	
18	0	1ci	0	0.3	1sw	1w	0	light	
19	0	2ci	0	0.7	2sw	2sw	1sw	,,	
20	1ci	0	6cu-ci	2.3	1sw	1sw	0	calm	
21	1cu-ci	2cu-ci	3cu-ci	2.0	2w	2w	0	slight	
22	1ci-cu	2ci-cu	1ci	1.3	1sw	1w	1sw	light	
23	3ci	0	0	1.0	1sw	1nw	0	,,	
24	0	0	0	0.0	1sw	1w	0	calm	
25	1ci	1ci	0	0.7	2sw	2sw	1sw	light	
26	1ci	1ci	0	0.7	1sw	1sw	0	light	
27	5cu-ci	0	0	1.7	1sw	1sw	0	calm	
28	0	1ci	0	0.3	2sw	1sw	1sw	light	
29	0	0	1cu-ci	0.3	3sw	2sw	1sw	slight	
30	2ci-cu	1cu-ci	1cu-ci	1.3	1sw	1sw	1sw	,,	
31	0	0	4ci-cu	1.3	1sw	2nw	1nw	,,	
				0.82					

* Abbreviations :— G = gale ; H = haze ; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	0	0	0	0	26	3	1	0	31
14:30	0	0	0	0	0	15	7	9	0	31
20:30	0	0	0	0	0	11	1	1	18	31
Mean	1	0	0	0	0	52	11	11	18	93

Number of days with rain 0, fog 0, thunderstorms 0, gale 0.

71 yr. av. number of days with rain during month 0.18